

On-board Lead Project Scientist Checklist

DATE Aug 18, 1983 AIRCRAFT 412 FLT 930818H1

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	<u>Jorgensen</u>	Gust Probe	<u>-</u>
Cloud Physics	<u>Willis</u>	Omegasonde	<u>-</u>
AXBT	<u>-</u>	Sys Eng	<u>Goldstien/Schrie</u>
Hot Film	<u>-</u>	Data Tech	<u>Stone</u>
Radar	<u>Goldenberg/Cheng</u>	EI Tech	<u>-</u>
Flt Dir/Met	<u>Davis</u>	Other	<u>-</u>

Take Off 0510 Z Location New Or Landing Location

B. Past and Forecast Storm Position

Date	Time	Latitude	Longitude	MSLP
<u>8/18</u>	<u>0330Z</u>	<u>28.5</u>	<u>94.9</u>	<u>967</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

C. Mission Briefing

06-09-12 Z fires No Air Force

E. Proposed and Actual Flight Patterns

D. Equipment Status

<u>Equipment</u>	<u>Pre Flt</u>	<u>In Flt</u>	<u>Post Flt</u>	<u>Reports Collected</u>
Aircraft	<u>ok</u>	<u>ok</u>	<u>ok</u>	<u>yes</u>
Radar	<u>ok</u>	<u>ok</u>	<u>ok</u>	<u>yes</u>
Cloud Physics	<u>ok</u>	<u>ok</u>	<u>ok</u>	<u>yes</u>
Data Sys	<u>ok</u>	<u> </u>	<u> </u>	<u> </u>
Omegasondes	<u>-</u>	<u> </u>	<u> </u>	<u> </u>
AXBT	<u>-</u>	<u> </u>	<u> </u>	<u> </u>
Gust Probe	<u>-</u>	<u> </u>	<u> </u>	<u> </u>
Hot Film	<u>-</u>	<u> </u>	<u> </u>	<u> </u>
Photography	<u>NA</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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REMARKS

Replaced Knollenberg probes with those from 43.

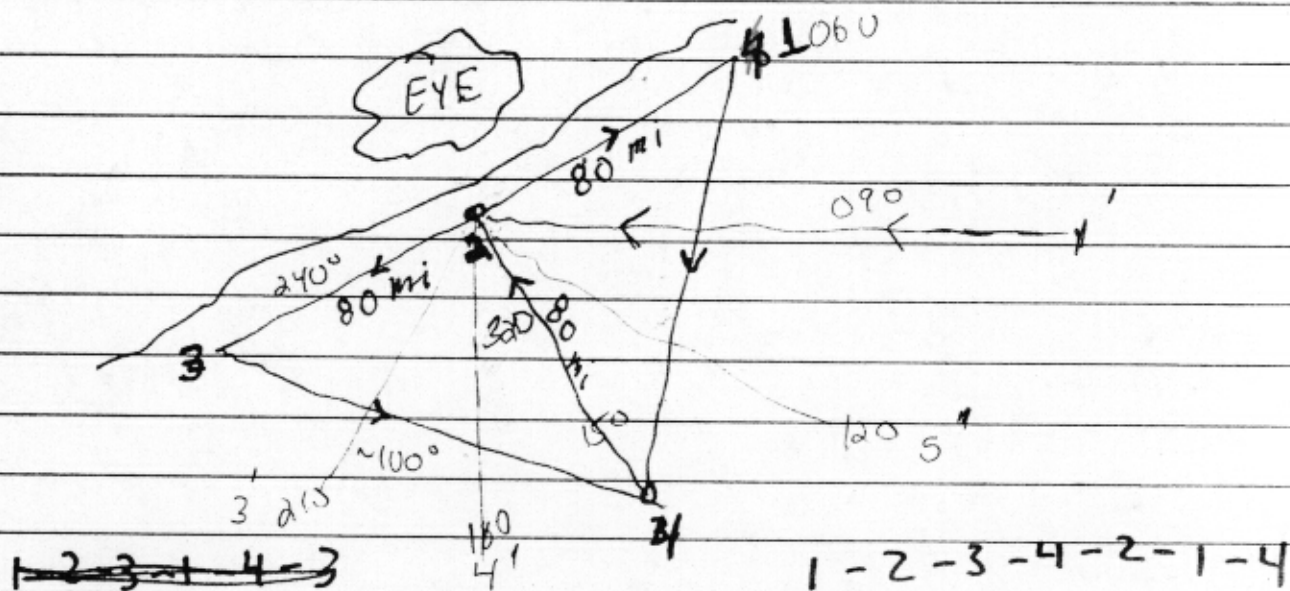
03081841 Alicia

LPS	Jorgensen
ChPhy	Willis
Rod	Goldenberg
Rod	Cheng

Fly willoughby pattern

Takeoff 0510Z

Eye probably on land - possible pattern



Begin descent 055250Z

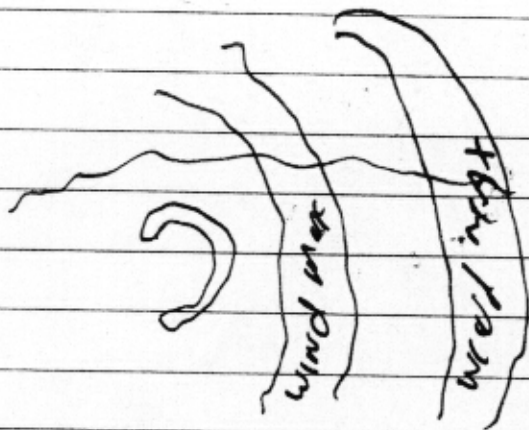
W
↑



Relatively small eye
~12 mi diam

long thin bands

Northern edge of eyewall over land



830818H1

Event Log

<u>Point</u>	<u>time</u>	<u>Lat</u>	<u>Lon</u>	<u>MSLP</u>	<u>Comments</u>
1	05546 055900	28.76	93.33		
2	062530	28.97	95.05	964	50 ms ⁻¹ max wind
3	064506	28.26	96.31		
4	070800	28.91	94.44		Inbound
2	072740	29.03	95.14	961	95
1	074640	29.68	94.03		
4	082339	28.09	94.53		inbound
2	084227	29.18	95.22	963	55 ms ⁻¹ max wind
3'	090515	27.95	95.88		
4'	093055	28.39	94.09		inbound
2	095155	29.27	95.03		
1'	101121	29.21	93.63		
1	101945	29.78	93.73		
2	Can't	penetrate			
3	110746	28.43	96.28		
4'	112415	27.72	95.18		
2	114157	turn s of center			Center ~ 40 mi ashore
EWD	120000				

